L	Hits	Search Text	DB	Time stamp
Number_				
1	1	5664055.pn. and (cod\$4 or decod\$4 or	USPAT;	2004/04/09
	0	<pre>encod\$4) same speech near signal\$4 condition\$4 same speach near5 signal\$4</pre>	US-PGPUB USPAT;	08:30 2004/03/22
_	"	condition\$4 same speach hears signal\$4	US-PGPUB	08:53
l <u>-</u>	1794	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
	1/34	Conditions Dame Special nears Signary	US-PGPUB	14:14
_	91	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
		and prepar\$6 same (cod\$4 or decod\$4 or	US-PGPUB	14:15
		encod\$4)		
-	0	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
		and prepar\$6 same (cod\$4 or decod\$4 or	US-PGPUB	14:16
	7.0	encod\$4) and sampl\$4 and slop\$4	TIGDAM.	2004/02/24
-	70	condition\$4 same speech near5 signal\$4 and prepar\$6 same (cod\$4 or decod\$4 or	USPAT; US-PGPUB	2004/02/24
		encod\$4) and sampl\$4	03-26206	14.10
_	0	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
		and prepar\$6 same (cod\$4 or decod\$4 or	US-PGPUB	14:17
		encod\$4) and sampl\$4 and slop\$4		
-	0	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
		and prepar\$6 same (cod\$4 or decod\$4 or	US-PGPUB	14:17
		encod\$4) and slop\$4		1 2004 /02 /24
-	180	condition\$4 same speech near5 signal\$4	USPAT; US-PGPUB	2004/02/24
_	139	and slop\$4 condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
-	139	and slop\$4 and (cod\$4 or decod\$4 or	US-PGPUB	14:42
		encod\$4)		
_	107	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
		and slop\$4 and (cod\$4 or decod\$4 or	US-PGPUB	14:48
		encod\$4) and (spect\$4 or cepstr\$4)		
-	69	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
		and slop\$4 and (cod\$4 or decod\$4 or	US-PGPUB	14:51
		encod\$4) and (spect\$4 or cepstr\$4) and 704/\$.ccls.		
_	64	condition\$4 same speech near5 signal\$4	USPAT;	2004/02/24
	01	and slop\$4 and (cod\$4 or decod\$4 or	US-PGPUB	15:35
		encod\$4) and (spect\$4 or cepstr\$4) and		
		filter\$4 and 704/\$.ccls.		
-	301	speech near5 signal\$4 and slop\$4 and	USPAT;	2004/02/24
		(cod\$4 or decod\$4 or encod\$4) and	US-PGPUB	15:37
		(spect\$4 or cepstr\$4) and filter\$4 and		
l_	24361	704/\$.ccls. speech near5 signal\$4 and slop\$4 and	USPAT;	2004/02/24
-	24361	(cod\$4 or decod\$4 or encod\$4) and	US-PGPUB	15:38
	1	(spect\$4 or cepstr\$4) and filter\$4 and		
	1	704/\$.ccls. accumulat\$4 same sampl\$4		
_	25	speech near5 signal\$4 and slop\$4 and	USPAT;	2004/02/24
	1	(cod\$4 or decod\$4 or encod\$4) and	US-PGPUB	15:39
		(spect\$4 or cepstr\$4) and filter\$4 and		
	10	704/\$.ccls. and accumulat\$4 same sampl\$4 speech near5 signal\$4 and slop\$4 and	USPAT;	2004/02/24
-	16	speech hears signals4 and slops4 and (cod\$4 or decod\$4 or encod\$4) and	US-PGPUB	15:39
	1	(spect\$4 or cepstr\$4) and filter\$4 and		-0.05
		704/\$.ccls. and accumulat\$4 same sampl\$4	-	
	1	and evaluat\$4		
-	11	speech near5 signal\$4 and slop\$4 and	USPAT;	2004/02/26
	1	(cod\$4 or decod\$4 or encod\$4) and	US-PGPUB	07:43
		(spect\$4 or cepstr\$4) and filter\$4 and		
	1	704/\$.ccls. and accumulat\$4 same sampl\$4 and evaluat\$4 and (character\$6 and		
		featur\$4)		1
_	6	speech near5 signal\$4 and slop\$4 and	USPAT;	2004/02/26
		(cod\$4 or decod\$4 or encod\$4) and	US-PGPUB	07:47
		(spect\$4 or cepstr\$4) and filter\$4 and		
		704/\$.ccls. and accumulat\$4 same sampl\$4		
		and evaluat\$4 and (character\$6 and		
		featur\$4) and reproduc\$5	L	

-	6	speech near5 signal\$4 and slop\$4 and (cod\$4 or decod\$4 or encod\$4) and (spect\$4 or cepstr\$4)and filter\$4 and	USPAT; US-PGPUB	2004/02/26 07:48
		704/\$.ccls. and accumulat\$4 same sampl\$4 and evaluat\$4 and (character\$6 or featur\$4) and reproduc\$5		
-	7474	signal\$4 and process\$4 and filter\$4 and (spectr\$6 or cepstr\$6) and speech and (cod\$4 or encod\$4 or decod\$4)	USPAT; US-PGPUB	2004/02/26 07:52
-	344	signal\$4 and process\$4 and filter\$4 and (spectr\$6 or cepstr\$6) and speech and (cod\$4 or encod\$4 or decod\$4) and	USPAT; US-PGPUB	2004/02/26 07:52
_	24	accumulat\$4 near5 sampl\$5 signal\$4 and process\$4 and filter\$4 and (spectr\$6 or cepstr\$6) and speech and (cod\$4 or encod\$4 or decod\$4) and	USPAT; US-PGPUB	2004/02/26 08:29
	21	accumulat\$4 near5 sampl\$5 and evaluat\$4 near4 sampl\$5 signal\$4 and process\$4 and filter\$4 and	USPAT;	2004/02/26
_	21	(spectr\$6 or cepstr\$6) and speech and (cod\$4 or encod\$4 or decod\$4) and accumulat\$4 near5 sampl\$5 and evaluat\$4	US-PGPUB	08:38
-	9	near4 sampl\$5 and (represent\$6 or model\$5) near5 (signal\$4 or sampl\$4) signal\$4 and process\$4 and filter\$4 and (spectr\$6 or cepstr\$6) and speech and	USPAT; US-PGPUB	2004/02/26 08:45
		(cod\$4 or encod\$4 or decod\$4) and accumulat\$4 near5 sampl\$5 and evaluat\$4 near4 sampl\$5 and (represent\$6 or model\$5) near5 (signal\$4 or sampl\$4) and (first or second or one or two) adj		
-	462	filter\$4 704/205.ccls.	USPAT; US-PGPUB	2004/02/26 08:45
-	191	704/205.ccls. and filter\$ same (spectr\$4 or cepstr\$\$)	USPAT; US-PGPUB	2004/02/26
_	6	(speech near5 signal\$4 and slop\$4 and (cod\$4 or decod\$4 or encod\$4) and (spect\$4 or cepstr\$4) and filter\$4 and 704/\$.ccls. and accumulat\$4 same sampl\$4	USPAT; US-PGPUB	2004/02/26 08:45
-	191	_ · · · · · · · · · · · · · · · · · · ·	USPAT;	2004/02/26
_	49	or cepstr\$4) 704/205.ccls. and filter\$ same (spectr\$4 or cepstr\$4) and two near4 filter\$4	US-PGPUB USPAT; US-PGPUB	08:49 2004/02/26 08:54
-	6	704/205.ccls. and filter\$ same (spectr\$4 or cepstr\$4) and two near4 filter\$4 and slop\$4	USPAT; US-PGPUB	2004/02/26 09:36
-	15	704/205.ccls. and filter\$ same (spectr\$4 or cepstr\$4) and (two or first or second	USPAT; US-PGPUB	2004/02/26 09:37
_	352	or one) near4 filter\$4 and slop\$4 perez.xa.	USPAT; US-PGPUB	2004/02/26 10:52
_	138	perez.xa. and 455/\$.ccls.	USPAT; US-PGPUB	2004/02/26 10:53
_	13	704/224.ccls. and 704/200.1.ccls.	USPAT; US-PGPUB	2004/02/26
-	11	704/224.ccls. and 704/200.1.ccls. and filter\$4	USPAT; US-PGPUB	2004/02/26
_	1	704/224.ccls. and 704/200.1.ccls. and filter\$4 and slop\$4	USPAT; US-PGPUB	2004/02/26 11:51
-	12	704/224.ccls. and filter\$4 and slop\$4	USPAT; US-PGPUB	2004/02/26 11:52
_	1	•	USPAT; US-PGPUB	2004/03/01 15:30
-	1	5864798.pn. and approx\$9 and sampl\$4 and (represent\$6 or model\$4)	USPAT; US-PGPUB	2004/03/01 15:18
_	7600	character\$9 near4 slop\$4	USPAT; US-PGPUB	2004/03/01
-	1060	character\$9 adj slop\$4	USPAT; US-PGPUB	2004/03/01 15:19

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- doaracter\$9 adj slop\$4 and filter\$4 - 2 character\$9 adj slop\$4 and filter\$4 - 148 accumulat84 adj samp1\$4 - 158 adj samp1\$4 - 1 8864798.pn. and represent\$6 same filter\$4 - 1 8864798.pn. and (cod\$4 or encod\$4 or decod\$4) - 1 8864798.pn. and adjust\$5 same parameter\$4 - 2 8864798.pn. and adjust\$5 same parameter\$4 - 3 8864798.pn. and adjust\$5 same parameter\$4 - 4 8864798.pn. and adjust\$5 same parameter\$4 - 5 8864798.pn. and adjust\$5 same parameter\$4 - 6 8864798.pn. and adjust\$5 same parameter\$4 - 7 8864798.pn. and adjust\$5 same parameter\$4 - 8 8864798.pn. and adjust\$5 same parameter\$4 - 1 8864998.pn. and adjust\$8 same parameter\$4 - 1 8864998.pn. and adjust\$8 sam					
2 characters adj slops and filters 4 and accumulates adj sample 15 characters adj slops and filters and US-PGPUB 18:00 US-PGPUB 18:00 US-PGPUB 18:00 US-PGPUB 18:00 US-PGPUB 18:00 US-PGPUB 18:00 US-PGPUB	_	403	character\$9 adj slop\$4 and filter\$4		
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Separate			accumulat\$4 adj sampl\$4		18:00
1 5864798.pn. and represents6 same filters4 USPAT; 2004/03/01	-	145	character\$9 adj slop\$4 and filter\$4 and		
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-	1	5864798.pn. and linear near6 filter\$4	USPAT; US-PGPUB	2004/03/01 16:38
	1	5864798.pn. and (chang\$4 or amend\$5 or	USPAT;	2004/03/01
-		improv\$7) same parameter\$4 and (encod\$4	US-PGPUB	17:07
		or cod\$4) and (first or second) same	U3-PGPUB	17.07
		filter\$4 and adjust\$4]
_	0	5864798.pn. and zero same flat\$5	USPAT;	2004/03/01
	· ·	3004730.pm. and Zelo Same Hacys	US-PGPUB	17:08
_	1	5864798.pn. and adjust\$5 and frequenc\$5	USPAT;	2004/03/01
	-	and respon\$5	US-PGPUB	17:09
_	1	5864798.pn. and adjust\$5 and frequenc\$5	USPAT;	2004/03/01
	-	and respon\$5 and weigh\$5 same filter\$4	US-PGPUB	17:10
		and degree and flat\$5		
-	1	5864798.pn. and adjust\$5 and frequenc\$5	USPAT;	2004/03/01
		and respon\$5 and weigh\$5 same filter\$4	US-PGPUB	17:14
		and degree and flat\$5 and tilt\$4		
-	0	5864798.pn. and adjust\$5 same frequenc\$5	USPAT;	2004/03/01
		and respon\$5 and weigh\$5 same filter\$4	US-PGPUB	17:15
		and degree and flat\$5 and tilt\$4		
-	1	5864798.pn. and chang\$4 same frequenc\$5	USPAT;	2004/03/01
		and respon\$5 and weigh\$5 same filter\$4	US-PGPUB	17:15
		and degree and flat\$5 and tilt\$4		,
-	1	5864798.pn. and chang\$4 same frequenc\$5	USPAT;	2004/03/01
		and weigh\$5 same filter\$4 and (degree or	US-PGPUB	17:16
		flat\$5 or tilt\$4) same speech		0004/02/02
-	1	5864798.pn. and chang\$4 same frequenc\$5	USPAT;	2004/03/01
		and weigh\$5 same filter\$4 and (degree or	US-PGPUB	17:21
		flat\$5 or tilt\$4) same speech adj		
	_	signal\$4	исраш.	2004/03/01
-	0	5864798.pn. and chang\$4 same frequenc\$5	USPAT; US-PGPUB	2004/03/01
		and weigh\$5 same filter\$4 and (degree or flat\$5 or tilt\$4) same speech adj	US-PGPUB	17:22
		signal\$4 and frequenc\$5 same respon\$4		
_	1	5864798.pn. and weigh\$5 same filter\$4	USPAT;	2004/03/01
-	1	5004790.pm. and weights same fiftert	US-PGPUB	17:22
	10273	yang.in.	USPAT;	2004/03/01
	10275	yang.in.	US-PGPUB	18:00
! _	1587	gao.in.	USPAT;	2004/03/01
1		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	18:01
-	2	gao.in. and accumulat\$4 adj sampl\$4	USPAT;	2004/03/01
			US-PGPUB	18:01
-	1	5664055.pn.	USPAT;	2004/03/02
1			US-PGPUB	10:34
-	1	6004174.pn.	USPAT;	2004/03/02
			US-PGPUB	10:34
-	1	6006174.pn.	USPAT;	2004/03/02
			US-PGPUB	10:35
-	1	6064962.pn.	USPAT;	2004/03/02
	_	61 67271	US-PGPUB	11:35
-	1	6167371.pn.	USPAT;	2004/03/02
	,	 6167371.pn. and spectr\$4	US-PGPUB USPAT;	11:35
-	1	oro/3/1.pm. and spectra4	US-PGPUB	11:36
_	1	6167371.pn. and spectr\$4 same slop\$4	USPAT;	2004/03/02
-		orovovit.pm. and spectral same stopas	US-PGPUB	16:03
_	1	5664055.pn.	USPAT;	2004/03/02
		0001003.pm.	US-PGPUB	19:32
_	1	5664055.pn. and bandwidth	USPAT;	2004/03/02
	•		US-PGPUB	14:31
_	0	5664055.pn. and bandwidth same slop44	USPAT;	2004/03/02
			US-PGPUB	14:31
-	1	5664055.pn. and bandwidth same slop\$4	USPAT;	2004/03/02
			US-PGPUB	15:09
-	1	5664055.pn. and frequenc\$5 same respon\$4	USPAT;	2004/03/02
			US-PGPUB	15:10
[-	1	5664055.pn. and frequenc\$5 same respon\$4	USPAT;	2004/03/02
		and post\$4filter\$7	US-PGPUB	15:10
-	1	5664055.pn. and frequenc\$5 same respon\$4	USPAT;	2004/03/02
	_	and post\$4filter\$7 same decod\$4	US-PGPUB	15:10
-	1	5664055.pn. and frequenc\$5 same respon\$4	USPAT;	2004/03/02
		and post\$4filter\$7 same decod\$4 near8	US-PGPUB	15:10
1		output\$4	<u></u>	1

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			_	
-	1	5664055.pn. and frequenc\$5 same respon\$4	USPAT;	2004/03/02
		and post\$4filter\$7 same decod\$4 near8	US-PGPUB	15:11
		output\$4 and (slop\$4 or flat\$5)		0004/00/00
-	1239	accumulat\$4 adj sampl\$4	USPAT; US-PGPUB	2004/03/02 16:03
	27	accumulat\$4 adj sampl\$4 and minimum adj	USPAT;	2004/03/02
-		sampl\$4	US-PGPUB	16:04
_	2	accumulat\$4 adj sampl\$4 and minimum adj	USPAT;	2004/03/02
	_	sampl\$4 near dur\$6	US-PGPUB	16:04
_	26	accumulat\$4 adj sampl\$4 and minimum adj	USPAT;	2004/03/03
		sampl\$4 and (model\$5 or represent\$6) same	US-PGPUB	09:58
		sampl\$4		
-	28	"5664055"	USPAT;	2004/03/02
		5.554055	US-PGPUB	16:48
-	1	5664055.pn.	USPAT; US-PGPUB	2004/03/02 16:48
	1	5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
-	_	3004033.pm. and encody4 same parametery4	US-PGPUB	16:48
_	1	5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
	_	and pitch\$4 adj gain\$4	US-PGPUB	16:49
_	1	5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
		and pitch\$4 adj gain\$4 and (fram\$4 or	US-PGPUB	16:49
		subfram\$4)		
_	1	5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
		and pitch\$4 adj gain\$4 and (fram\$4 or	US-PGPUB	16:49
_	1	subfram\$4) and weigh\$5 adj filter\$4 5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
-		and pitch\$4 adj gain\$4 and (fram\$4 or	US-PGPUB	16:49
		subfram\$4) and weigh\$5 adj filter\$4 and		
		bandwidth\$4 same expan\$5		
_	1	5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
		and pitch\$4 adj gain\$4 and (fram\$4 or	US-PGPUB	16:49
!		subfram\$4) and weigh\$5 adj filter\$4 and		
		bandwidth\$4 adj expan\$5	HCD2m-	2004/02/02
_	1	5664055.pn. and encod\$4 same parameter\$4 and pitch\$4 adj gain\$4 and (fram\$4 or	USPAT; US-PGPUB	2004/03/02 16:50
i		subfram\$4) and weigh\$5 adj filter\$4 and	05-FGF0B	10.50
		bandwidth\$4 adj expan\$5 same synthe\$5 adj		
		filter\$4		
_	0	5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
		and pitch\$4 adj gain\$4 and (fram\$4 or	US-PGPUB	16:50
		subfram\$4) and weigh\$5 adj filter\$4 and		
		bandwidth\$4 adj expan\$5 same synthe\$5 adj		
	1	filter\$4 and analy\$5 adj filter\$4 5664055.pn. and encod\$4 same parameter\$4	USPAT;	2004/03/02
1	1	and pitch\$4 adj gain\$4 and (fram\$4 or	US-PGPUB	17:36
	1	subfram\$4) and weigh\$5 adj filter\$4 and		
		bandwidth\$4 adj expan\$5 same synthe\$5 adj		
		filter\$4 and analy\$5 near5 filter\$4		
-	1	5864798.pn.	USPAT;	2004/03/02
	_	F0.C47.00 mm and Jana-304 and Care Care Care Care Care Care Care Care	US-PGPUB	17:24
-	1	5864798.pn. and decod\$4 same parameter\$4	USPAT; US-PGPUB	2004/03/02
1_	1	 5864798.pn. and decod\$4 near4 parameter\$4	USPAT;	2004/03/02
		same filter\$4	US-PGPUB	17:35
_	41229	5664055.pn. and decod\$4 same parameter\$4	USPAT;	2004/03/02
		bandwidth\$4 adj expan\$5 same synthe\$5 adj	US-PGPUB	17:37
		filter\$4 linear same filter\$4		0004/55/55
_	47	1	USPAT;	2004/03/02
		bandwidth\$4 adj expan\$5 same synthe\$5 adj	US-PGPUB	17:37
_	1	filter\$4 and linear same filter\$4 5664055.pn. and decod\$4 same parameter\$4	USPAT;	2004/03/02
	1	and bandwidth\$4 adj expan\$5 same synthe\$5	US-PGPUB	17:37
		adj filter\$4 and linear same filter\$4		- · · - ·
-	1	5664055.pn. and decod\$4 same parameter\$4	USPAT;	2004/03/02
		and bandwidth\$4 adj expan\$5 same synthe\$5	US-PGPUB	17:52
		adj filter\$4 and linear same filter\$4 and		
		post\$4filter\$4	HODEN.	2004/02/02
-	30	adjust\$5 same paramter\$4	USPAT; US-PGPUB	2004/03/02 17:53
_	0	 5664055.pn. and adjust\$5 same paramter\$4	USPAT;	2004/03/02
		3003000.pm. and adjusteys same parametery	US-PGPUB	17:53
L		<u> </u>		

-	0	5664055.pn. and adjust\$5 and paramter\$4	USPAT;	2004/03/02
	1	5664055.pn.	US-PGPUB USPAT;	17:53 2004/03/02
-		3004033.pm.	US-PGPUB	17:54
_	1	5664055.pn. and adjust\$5	USPAT;	2004/03/02
			US-PGPUB	17:54
-	1	5664055.pn. and adjust\$5 same parameter\$4	USPAT;	2004/03/02
	1	 5664055.pn. and cod\$5 same parameter\$4	US-PGPUB USPAT;	17:57 2004/03/02
-		5664055.pm. and cod\$5 same parameter\$4	US-PGPUB	18:10
_	1	5664055.pn. and bandwidth adj expan\$5	USPAT;	2004/03/02
			US-PGPUB	18:11
-	88796	5664055.pn. and bandwidth adj expan\$5 ad	USPAT;	2004/03/02
	0	speech adj signal\$4 5664055.pn. and bandwidth adj expan\$5 and	US-PGPUB USPAT;	18:11 2004/03/02
-	"	speech adj signal\$4 and chang\$4 adj	US-PGPUB	18:11
		valu\$4		
-	1	5664055.pn. and bandwidth adj expan\$5 and	USPAT;	2004/03/02
	_	speech adj signal\$4 and valu\$4	US-PGPUB	18:11
-	1	5664055.pn. and bandwidth adj expan\$5 and	USPAT; US-PGPUB	2004/03/02 18:11
		speech adj signal\$4 and valu\$4 and chang\$4	05-26200	10.11
-	1	5664055.pn. and bandwidth adj expan\$5 and	USPAT;	2004/03/02
		speech adj signal\$4 and valu\$4 and	US-PGPUB	18:12
		chang\$4 and linear near predict\$5		0004/00/00
-	1	5664055.pn. and bandwidth adj expan\$5 and	USPAT;	2004/03/02
	1	speech adj signal\$4 and valu\$4 and chang\$4 and linear near predict\$5 and	US-PGPUB	18:13
		synth\$5 same filter\$4		
-	0	5664055.pn. and bandwidth adj expan\$5 and	USPAT;	2004/03/02
		speech adj signal\$4 and valu\$4 and	US-PGPUB	18:13
		chang\$4 and linear near predict\$5 and		
	1	synth\$5 same filter\$4 and anlysis same		
_	1	filter\$4 5664055.pn. and bandwidth adj expan\$5 and	USPAT;	2004/03/02
	*	speech adj signal\$4 and valu\$4 and	US-PGPUB	18:42
		chang\$4 and linear near predict\$5 and		
		synth\$5 same filter\$4 and analysis same		
	100000	filter\$4 5664055.pn. weigh\$5 same filter\$4	USPAT;	2004/03/02
-	102202	5004055.pm. wergmas same illicera4	US-PGPUB	18:42
_	1	5664055.pn. and weigh\$5 same filter\$4	USPAT;	2004/03/02
		-	US-PGPUB	19:02
-	1	5664055.pn. and frequenc\$4 same	USPAT;	2004/03/02
1_	1	post\$5filter\$5 5664055.pn. and frequenc\$4 same	US-PGPUB USPAT;	19:05 2004/03/02
-	1	post\$5filter\$5 and slop\$4	US-PGPUB	19:27
	1	5664055.pn. filter adj coeeficient\$4	USPAT;	2004/03/02
			US-PGPUB	19:27
-	1	5664055.pn. filter\$4 adj coeeficient\$4	USPAT;	2004/03/02
1_	1	and synthe\$4 adj filter\$4 5664055.pn. filter\$4 adj coeeficient\$4	US-PGPUB USPAT;	19:27 2004/03/02
_		and synthe\$4 adj filter\$4 and encod\$4	US-PGPUB	19:32
_	576		USPAT;	2004/03/02
		and synthe\$4 adj filter\$4 and encod\$4	US-PGPUB	19:31
-	1	5664055.pn. and filter\$4 adj	USPAT;	2004/03/02
	0	coefficient\$4	US-PGPUB USPAT;	19:32
-		5664055.pn. and filter\$4 adj coeeficient\$4 and synthe\$4 adj filter\$4	US-PGPUB	19:32
		and encod\$4		
_	1	5664055.pn. and filter\$4 adj	USPAT;	2004/03/02
		coefficient\$4 and synthe\$4 adj filter\$4	US-PGPUB	19:32
		and encod\$4	IIGDAT.	2004/03/03
] -	1	5664055.pn.	USPAT; US-PGPUB	07:58
_	1	5664055.pn. and evaluat\$4	USPAT;	2004/03/03
		· ·	US-PGPUB	08:13
-	1	6167371.pn.	USPAT;	2004/03/03
		(167271 mm and1+64	US-PGPUB	07:59
-	0	6167371.pn. and evaluat\$4	USPAT; US-PGPUB	2004/03/03 08:14
	<u>, </u>		US-FGPUD	00.17

-	1	5664055.pn.	USPAT;	2004/03/03
			US-PGPUB	08:13
-	1	6167371.pn.	USPAT;	2004/03/03
			US-PGPUB	08:16
-	0	6167371.pn. and restor\$4 same spect\$4	USPAT;	2004/03/03
		61 67 77 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	US-PGPUB	08:16
_	1	6167371.pn. and restor\$4 and spect\$4	USPAT;	2004/03/03 08:18
	1	C1C7271 and mostoned and smooted and	US-PGPUB USPAT;	2004/03/03
-	1	6167371.pn. and restor\$4 and spect\$4 and determin\$4	US-PGPUB	08:18
	1	6167371.pn. and restor\$4 and spect\$4 and	USPAT;	2004/03/03
-	.	determin\$4 and determin\$4 same slop\$4	US-PGPUB	08:33
_	1	5664055.pn.	USPAT;	2004/03/03
	•	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	US-PGPUB	08:33
_	l ol	5664055.pn. and (stor\$4 or memor\$4) same	USPAT;	2004/03/03
		spectr\$5 near (character\$7 or featur\$4)	US-PGPUB	08:34
_	0	5664055.pn. and (stor\$4 or memor\$4) same	USPAT;	2004/03/03
		spectr\$5	US-PGPUB	08:35
_	1	5664055.pn. and (stor\$4 or memor\$4) and	USPAT;	2004/03/03
		spectr\$5	US-PGPUB	08:35
-	0	5664055.pn. and (stor\$4 or memor\$4) and	USPAT;	2004/03/03
		spectr\$5 near (character\$7 or featur\$4)	US-PGPUB	08:35
-	1	5664055.pn. and (stor\$4 or memor\$4) and spectr\$5 same (character\$7 or featur\$4)	USPAT; US-PGPUB	2004/03/03
	9	spectr\$5 same (character\$7 or featur\$4) accumulat\$4 adj sampl\$4 and minimum adj	USPAT;	2004/03/12
-	9	sampl\$4 and (model\$5 or represent\$6) same	US-PGPUB	15:34
		sampl\$4 and buffer\$4		
_	21	ware.xp.	USPAT;	2004/03/03
		F -	US-PGPUB	13:34
_	2568	pre\$4emphas\$5	USPAT;	2004/03/12
			US-PGPUB	12:05
-	93	pre\$4emphas\$5 and (spectr\$4 oe cepstr\$4)	USPAT;	2004/03/12
		near flat\$7	US-PGPUB	12:06
-	93	pre\$4emphas\$5 and (spectr\$4 or cepstr\$4)	USPAT; US-PGPUB	2004/03/12
	o	near flat\$7 pre\$4emphas\$5 and (spectr\$4 or cepstr\$4)	USPAT;	2004/03/12
-		near flat\$7 same (prior or before) near	US-PGPUB	12:06
	1	cod\$4	05 10105	
_	13	pre\$4emphas\$5 and (spectr\$4 or cepstr\$4)	USPAT;	2004/03/12
		near flat\$7 same (prior or before)	US-PGPUB	12:17
_	22	pre\$4emphas\$5 and (spectr\$4 or cepstr\$4)	USPAT;	2004/03/12
		near flat\$7 and (prior or before) same	US-PGPUB	12:18
		cod\$4		2004/02/12
-	0	pre\$4emphas\$5 and (spectr\$4 or cepstr\$4)	USPAT; US-PGPUB	2004/03/12
		near flat\$7 and (prior or before) same cod\$4 and de\$4emphas%5	03-FGE0D	12.10
_	11	1	USPAT;	2004/03/12
		near flat\$7 and (prior or before) same	US-PGPUB	14:44
		cod\$4 and de\$4emphas\$5		
_	22	pre\$4emphas\$5 and (spectr\$4 or cepstr\$4)	USPAT;	2004/03/12
		near flat\$7 and cod\$4 and de\$4emphas\$5	US-PGPUB	12:35
-	2	pre\$4emphas\$5 and (spectr\$4 or cepstr\$4)	USPAT;	2004/03/12
		near flat\$7 and cod\$4 and de\$4emphas\$5	US-PGPUB	12:35
_	3	and MIRS MIRS and consisten\$4 and flat and	USPAT;	2004/03/12
	1	respon\$4 near (spectr\$4 or cepstr\$4)	US-PGPUB	12:48
_	1	_	USPAT;	2004/03/12
		•	US-PGPUB	14:45
-	1	5664055.pn.	USPAT;	2004/03/12
		5064700	US-PGPUB	14:46
-	1	5864798.pn.	USPAT;	2004/03/12 14:46
1_	1	5623557.pn.	US-PGPUB USPAT;	2004/03/12
-		002000 / · pit.	US-PGPUB	15:37
_	1	5625743.pn.	USPAT;	2004/03/12
			US-PGPUB	15:37
-	1	6408033.pn.	USPAT;	2004/03/12
			US-PGPUB	15:37
-	1	6697775.pn.	USPAT;	2004/03/12
	1 466	(ODE am 0 ODE) and (OD am 0 OD)	US-PGPUB USPAT;	15:37 2004/03/17
-	466	(.995 or 0.995) and (.99 or 0.99)	USPAT; US-PGPUB	09:14
	L	1	1 22 1 21 01	V > 1 + 1

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_	3	(.995 or 0.995) and (.99 or 0.99) and	USPAT;	2004/03/17
1		704/\$.ccls.	US-PGPUB	09:35
-	8	(.63 or 0.63) and (.4 or 0.4) and	USPAT;	2004/03/17
	31	704/\$.ccls. (.65 or 0.65) and (.4 or 0.4) and	US-PGPUB USPAT;	09:17
-	31	704/\$.ccls.	US-PGPUB	09:34
<u> </u>	331	(.6\$4 or 0.6\$5) and (.4\$5 or 0.4\$5) and	USPAT;	2004/03/17
		704/\$.ccls.	US-PGPUB	09:41
_	826	(.9\$5 or 0.9\$5) and 704/\$.ccls.	USPAT;	2004/03/17
			US-PGPUB	09:36
-	3	(.9\$5 or 0.9\$5) and 704/\$.ccls. and MIRS	USPAT;	2004/03/17
			US-PGPUB	09:36
-	571	(.9\$5 or 0.9\$5) and 704/\$.ccls. and	USPAT;	2004/03/17
		(spectr\$4 or cepstr\$5)	US-PGPUB USPAT;	09:36
~	28	(.9\$5 or 0.9\$5) and 704/\$.ccls. and (spectr\$4 or cepstr\$5) near respon\$5	US-PGPUB	09:37
l _	9	(.9\$5 or 0.9\$5) and 704/\$.ccls. and	USPAT;	2004/03/17
		(spectr\$4 or cepstr\$5) near respon\$5 and	US-PGPUB	09:37
		(slop\$4 or tilt\$4)		
-	8	(.9\$5 or 0.9\$5) and 704/\$.ccls. and	USPAT;	2004/03/17
		(spectr\$4 or cepstr\$5) near respon\$5 and	US-PGPUB	09:37
		(slop\$4 or tilt\$4) and flat\$5		2004/02/22
-	4	(.6\$4 or 0.6\$5) and (.4\$5 or 0.4\$5) and	USPAT;	2004/03/17
		704/\$.ccls. and (spectr\$4 or cepstr\$5) near respon\$5 and (slop\$4 or tilt\$4) and	US-PGPUB	09:49
		flat\$5		
_	147	(.6\$4 or 0.6\$5) and (.4\$5 or 0.4\$5) and	USPAT;	2004/03/17
		(spectr\$4 or cepstr\$5) near respon\$5 and	US-PGPUB	10:06
		(slop\$4 or tilt\$4) and flat\$5		
_	102	(.99 or 0.99) and (0.995 or .995) and	USPAT;	2004/03/17
		(0.65 or .65) and (0.4 or .4)	US-PGPUB	10:07
-	2	(.99 or 0.99) and (0.995 or .995) and	USPAT;	2004/03/17
_	24	(0.65 or .65) and (0.4 or .4) and MIRS (.99 or 0.99)and (0.995 or .995) and	US-PGPUB USPAT;	10:09
-	24	(0.65 or .65) and (0.4 or .4) and slop\$4	US-PGPUB	10:09
_	24	(.99 or 0.99) and (0.995 or .995) and	USPAT;	2004/03/17
		(0.65 or .65) and (0.4 or .4) and (slop\$4	US-PGPUB	10:09
		or tilt\$4)		
-	2	(.99 or 0.99) and (0.995 or .995) and	USPAT;	2004/03/17
		(0.65 or .65) and (0.4 or .4) and	US-PGPUB	10:10
_	143	704/\$.ccls. (.99 or 0.99)and (0.995 or .995) and	USPAT;	2004/03/17
-	143	(0.65 or .65)	US-PGPUB	10:10
_	466	(.99 or 0.99) and (0.995 or .995)	USPAT;	2004/03/17
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB	10:10
-	3	(.99 or 0.99) and (0.995 or .995) and	USPAT;	2004/03/17
		704/\$.ccls.	US-PGPUB	10:11
_	31	(0.65 or .65) and (0.4 or .4) and	USPAT;	2004/03/17
_	2	704/\$.ccls. (0.65 or .65) and (0.4 or .4) and mirs	US-PGPUB USPAT;	10:11 2004/03/17
_		(0.00 or .00) and (0.4 or .4) and mire	US-PGPUB	10:11
_	1	5692098.pn.	USPAT;	2004/03/22
	1	•	US-PGPUB	09:02
_	1	5692098.pn. and determin\$6	USPAT;	2004/03/22
			US-PGPUB	09:02
-	1	5692098.pn. and determin\$6 and (tilt\$4 or	USPAT;	2004/03/22
		slop\$4)	US-PGPUB USPAT;	09:02 2004/03/22
_	1	5692098.pn. and determin\$6 and (tilt\$4 or slop\$4) and sampl\$4	US-PGPUB	09:02
_	1	5692098.pn. and determin\$6 and (tilt\$4 or	USPAT;	2004/03/22
	1	slop\$4) and sampl\$4 and speech\$4	US-PGPUB	09:02
_	0	5692098.pn. and determin\$6 and (tilt\$4 or	USPAT;	2004/03/22
		slop\$4) and sampl\$4 and speech\$4 and	US-PGPUB	09:03
		conform\$6	Hanra	2004/02/22
-	1	5692098.pn. and determin\$6 and (tilt\$4 or	USPAT;	2004/03/22
	1	slop\$4) and sampl\$4 and speech\$4 and defin\$6	US-PGPUB	09:03
_	0	5692098.pn. and determin\$6 and (tilt\$4 or	USPAT;	2004/03/22
		slop\$4) and sampl\$4 and speech\$4 and	US-PGPUB	09:03
	I	defin\$6 and charadter\$6		

		•		
_	1	5692098.pn. and determin\$6 and (tilt\$4 or	USPAT;	2004/03/22
		slop\$4) and sampl\$4 and speech\$4 and	US-PGPUB	09:04
		defin\$6 and character\$6		
-	1		USPAT;	2004/03/22
		slop\$4) and sampl\$4 and speech\$4 and	US-PGPUB	09:04
		defin\$6 and character\$6 and refer\$5	HCDAM.	2004/03/22
-	1	5692098.pn. and determin\$6 and (tilt\$4 or slop\$4) and sampl\$4 and speech\$4 and	USPAT; US-PGPUB	10:32
		defin\$6 and character\$6 and refer\$5 and	US-PGPUB	10.32
		(spectr\$5 or cepstr\$4)		
_	1097		USPAT;	2004/03/22
	1037	sampl\$4 and speech\$4 and defin\$6 and	US-PGPUB	10:36
		character\$6 and refer\$5 and (spectr\$5 or	05 10102	
	1	cepstr\$4)		
_	0	incease same (slop\$4 or tilt\$4) and MIRS	USPAT;	2004/03/22
ļ		same (spectr\$4 or cepstr\$4)	US-PGPUB	10:37
-	3	incease same (slop\$4 or tilt\$4)	USPAT;	2004/03/22
{			US-PGPUB	10:37
-	55327	(incease or adjust\$5) same (slop\$4 or	USPAT;	2004/03/22
		tilt\$4)	US-PGPUB	10:38
-	4	(incease or adjust\$5) same (slop\$4 or	USPAT;	2004/03/22
	*	tilt\$4) and MIRS	US-PGPUB	10:38 2004/03/22
-	86	MIRS	USPAT; US-PGPUB	10:39
_	5	MIRS and 704/\$.ccls.	USPAT;	2004/03/22
		mino and /01/9.0015.	US-PGPUB	10:40
_	2030	model\$4 near filter\$4	USPAT;	2004/03/22
	2000	modely! mode lilion!	US-PGPUB	10:41
_	363	model\$4 near filter\$4 and (slop\$4 or	USPAT;	2004/03/22
		tilt\$4)	US-PGPUB	10:47
	8	model\$4 near filter\$4 and (slop\$4 or	USPAT;	2004/03/22
	ľ	tilt\$4) near (increas\$4 or adjust\$5)	US-PGPUB	10:50
-	11	((model\$4 near filter\$4) or model\$4 same	USPAT;	2004/03/22
	1	(spectr\$4 or cepstr\$4) near respon\$5) and	US-PGPUB	11:05
		(slop\$4 or tilt\$4) near (increas\$4 or		
	1	adjust\$5)	USPAT;	2004/03/22
_	15	filer\$4 and (increas\$4 or adjust\$5) near slop\$4	US-PGPUB	10:53
_	109	l • · · · · · · · · · · · · · · · · · ·	USPAT;	2004/03/22
		slop\$4	US-PGPUB	10:53
_	16823	filter\$4 and (increas\$4 or adjust\$5) same	USPAT;	2004/03/22
		slop\$4	US-PGPUB	10:53
-	2362	filter\$4 and (increas\$4 or adjust\$5) near	USPAT;	2004/03/22
1	-	slop\$4	US-PGPUB	10:53
-	60	filter\$4 and (increas\$4 or adjust\$5) near	USPAT;	2004/03/22
		slop\$4 and (spectr\$4 or cepstr\$4) near	US-PGPUB	10:55
		respon\$5	HCDAE -	2004/02/22
-	2390	((model\$4 near filter\$4) or model\$4 same	USPAT;	2004/03/22
	154	<pre>(spectr\$4 or cepstr\$4) near respon\$5) ((model\$4 near filter\$4) or model\$4 same</pre>	US-PGPUB USPAT;	11:05 2004/03/22
-	454	(spectr\$4 or cepstr\$4) near respon\$5) and	US-PGPUB	11:05
		(slop\$4 or tilt\$4)	05 13:05	11.00
_	11	((model\$4 near filter\$4) or model\$4 same	USPAT;	2004/03/22
		(spectr\$4 or cepstr\$4) near respon\$5) and	US-PGPUB	11:05
		(slop\$4 or tilt\$4) near (increas\$4 or		
		adjust\$5)		
-	122	((model\$4 near filter\$4) or model\$4 same	USPAT;	2004/03/22
		(spectr\$4 or cepstr\$4) near respon\$5) and	US-PGPUB	11:05
		(slop\$4 or tilt\$4) same (increas\$4 or		
		adjust\$5)		0004/00/00
-	18	((model\$4 near filter\$4) or model\$4 same	USPAT;	2004/03/22
		(spectr\$4 or cepstr\$4) near respon\$5) and	US-PGPUB	11:06
		(slop\$4 or tilt\$4) same (increas\$4 or		
L	J	adjust\$5) and 704/\$.ccls.	<u> </u>	